



Iowa Crops & Weather

USDA – National Agricultural Statistical Service – Iowa Field Office
 In Cooperation with the Iowa Department of Agriculture and Land Stewardship
 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
 515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
 To access NASS reports – <http://www.nass.usda.gov>



Issued July 19, 2010

Vol 10-20

For the week ending July 18, 2010

CROPS FLOURISH IN HEAT

Agricultural Summary: High humidity and temperatures in the nineties maintained crop and field conditions throughout the state. Fields with ponded areas were able to dry and yellow crops not too severely hurt by the excess moisture greened up and may still be productive. The dry spell also allowed operators to continue field work. Farmers began spraying fungicide on corn now that most herbicide spraying has been completed. Producers nearly finished up the first cutting of alfalfa, as well as continued with their second cutting. By week's end however, field work ceased as strong storms ravaged Iowa with heavy rainfall and high winds knocking down trees. Power lines pulled to the ground by falling branches left several thousand Iowans without power. Luckily, no major crop damage was reported from this storm.

August-like weather in Iowa progressed crop growth, as they mature ahead of schedule. Reporters in northern Iowa indicated conditions look good. Meanwhile, some regions in Iowa still show signs of excess moisture, where sections of fields have had crops completely drowned out. Aphids are beginning to show up in a few soybean fields, but are not a severe concern. Alfalfa and oat producers were able to take advantage of the drier weather as they continued harvesting. While crops thrived in the muggy weather, livestock suffered. Wednesday's high temperature and heat index led to reports of hog losses in buildings and heat stress to cattle.

There were 4.6 days suitable for fieldwork during the past week, compared with 3.5 days the previous week. All nine districts in the state reported more than 4.0 days suitable, the first time since the week ending May 30th. Topsoil moisture rated 0 percent very short, 2 percent short, 66 percent adequate, and 32 percent surplus across the state. Subsoil moisture rated 0 percent very short, 1 percent short, 62 percent adequate, and 37 percent surplus.

Field Crops Report: Eighty-three percent of the corn acres have tasseled and 62 percent has silked, both are well ahead of last year and the five-year average. Corn reached milk stage in 6 percent of the crop, ahead of last year's 1 percent and equal to the five-year average. Corn condition rated 3 percent very poor, 8 percent poor, 20 percent fair, 48 percent good, and 21 percent excellent. Seventy percent of the soybean crop has bloomed, compared to 57 percent last year and 66 percent for the five-year average. Pods have been set in 19 percent of the soybean acres, 2 days ahead of last year but equal to the five-year

average. Soybean condition rated 3 percent very poor, 6 percent poor, 22 percent fair, 51 percent good, and 18 percent excellent. Oats have turned color in 93 percent of the acres, ahead of last year's 84 percent and the five-year average of 88 percent. Oats harvested for grain increased 30 percentage points last week to 36 percent complete, 9 days ahead of last year and 4 days ahead of the five-year average. Oat condition rated 2 percent very poor, 8 percent poor, 22 percent fair, 55 percent good, and 13 percent excellent. Fifty-nine percent of the second cutting of alfalfa has been completed, ahead of the 48 percent completed last year, but behind the five-year average of 61 percent. All hay condition rated 3 percent very poor, 10 percent poor, 27 percent fair, 47 percent good, and 13 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 4 percent poor, 23 percent fair, 54 percent good, and 18 percent excellent. Pastures are still being reported in mostly good condition, ample precipitation has kept growth productive.

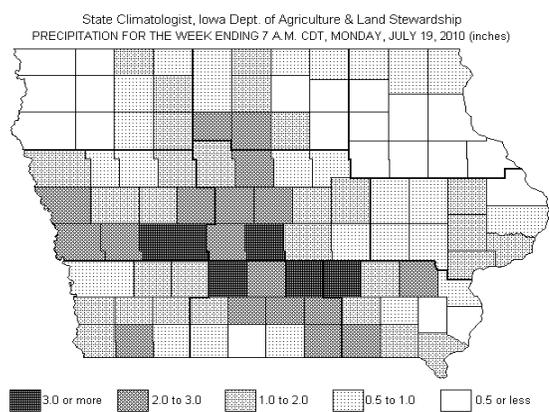
IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

The past reporting week began with below normal temperatures in the mid 70's northwest to mid 80's southeast on Monday (12th). However, hot and humid weather was the rule for the remainder of the week. The hottest weather came on Wednesday (14th) when actual temperatures reached 98 degrees at Ankeny while official heat indices reached 115 degrees at Ames (unofficial readings were as high as 130). Saturday (17th) was the next hottest day with highs mostly in the 90's with Ankeny reaching 97 degrees. Cooler air occasionally made it into northwest Iowa where Sibley reported a low of 53 degrees on Thursday (15th) morning. Temperatures for the week as a whole averaged 2.4 degrees above normal. Meanwhile rain fell nearly statewide on Monday (12th), Wednesday (14th) and Sunday (18th). Tuesday and Thursday were dry statewide while rain moved into northwest Iowa late Saturday. Friday saw showers and thunderstorms, often severe, over north central Iowa. Very heavy rains along with severe winds occurred over portions of northwest, central and south central Iowa Saturday night into Sunday morning. Rain totals for the week varied from none at Sibley to 4.81 inches at Winterset. The statewide average precipitation was 1.34 inches while normal for the week is 0.95 inches. This was the seventh consecutive week of greater than normal rainfall.

Statewide Crop Conditions as of July 18, 2010

Item	Very Poor (Percent)	Poor (Percent)	Fair (Percent)	Good (Percent)	Excellent (Percent)
Corn	3	8	20	48	21
Soybeans	3	6	22	51	18
Oats	2	8	22	55	13
Hay, all	3	10	27	47	13
Range & Pasture ..	1	4	23	54	18

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of July 18, 2010

Item	Districts									State	Last Week	Last Year	5-yr Avr
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)												
Corn tasseled	78	88	82	85	90	89	75	65	81	83	47	41	57
Corn silked	54	74	55	63	63	67	57	55	63	62	24	23	38
Corn in or past milk stage	2	10	3	6	5	8	9	7	8	6	NA	1	6
Soybeans bloomed	77	80	73	79	67	68	57	56	52	70	46	57	66
Soybeans setting pods	11	25	16	29	18	22	13	16	13	19	4	12	19
Oats turned color	97	96	96	95	87	96	91	85	90	93	76	84	88
Oats harvested for grain	27	36	44	37	27	40	20	34	41	36	6	11	21
Hay, alfalfa - second crop harvested	92	76	74	76	64	82	43	26	45	59	47	48	61

Days Suitable & Soil Moisture Condition as of July 18, 2010

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	(Days) 5.3	(Days) 4.2	(Days) 5.4	(Days) 4.1	(Days) 4.2	(Days) 4.3	(Days) 4.7	(Days) 5.3	(Days) 4.5	(Days) 4.6	(Days) 3.5	(Days) 4.5
	(Percent)											
Topsoil moisture												
Very short	0	0	0	0	0	0	1	0	0	0	0	0
Short	3	2	1	0	0	0	2	3	1	2	0	5
Adequate	87	77	78	61	54	74	46	53	54	66	58	77
Surplus	10	21	21	39	46	26	51	44	45	32	42	18
Subsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	0	0
Short	1	2	0	0	0	2	0	0	0	1	0	4
Adequate	85	76	68	60	52	64	43	48	48	62	55	75
Surplus	14	22	32	40	48	34	57	52	52	37	45	21

Weather Summary For National Agricultural Statistics Service, Iowa Field Office. For the week ending: Sunday, July 18, 2010, Prepared by AWIS, Inc.

STATION	CURRENT WEEK				SINCE APRIL 1				CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	91	59	75	3	0.71	-0.06	15.17	2.92	174	20
Sioux Center	93	57	76	3	0.47	-0.31	15.67	3.18	186	18
Spencer	94	56	75	2	0.32	-0.66	13.80	1.23	175	14
Spirit Lake	92	61	76	4	0.55	-0.29	12.01	-0.13	182	25
North Central District										
Britt	92	63	74	2	1.14	0.15	15.93	2.25	171	17
Humboldt	93	62	75	1	2.26	1.28	22.59	8.64	174	13
Mason City	95	61	76	4	0.61	-0.37	14.39	0.27	184	26
Osage	92	61	73	1	0.65	-0.32	18.50	4.45	165	13
North East District										
Decorah	92	60	75	3	0.37	-0.54	17.68	3.79	176	16
Dubuque	90	61	75	4	0.97	0.07	21.26	6.82	177	21
Elkader	92	60	74	1	0.08	-0.88	24.78	11.36	168	14
Fayette	92	61	74	2	0.55	-0.50	22.59	8.28	167	20
Waterloo	93	62	76	3	1.09	-0.03	22.72	7.99	180	12
West Central District										
Carroll	93	62	75	2	1.55	0.57	19.48	4.29	177	8
Castana	91	63	75	0	2.21	1.50	14.94	1.57	174	-2
Guthrie Center	95	59	76	2	3.81	3.01	31.63	17.11	184	9
Harlan	93	60	76	1	2.19	1.35	22.68	8.53	180	12
Jefferson	92	62	74	0	2.23	1.25	20.77	5.58	171	-3
Logan	95	62	76	0	1.81	1.02	23.63	9.73	187	7
Rockwell City	93	63	75	-1	1.54	0.56	19.02	5.04	173	5
Sac City	92	60	73	-2	0.95	0.11	14.84	0.93	162	1
Sioux City	94	58	77	2	0.34	-0.41	10.77	-0.92	189	15
Central District										
Boone	93	60	75	0	2.44	1.60	23.06	7.69	175	7
Des Moines	97	66	80	4	1.95	1.11	26.05	12.35	212	30
Grundy Center	93	63	75	4	0.81	-0.24	22.01	7.47	178	17
Marshalltown	93	62	76	3	1.15	0.20	21.31	6.82	184	16
Newton	96	63	77	2	2.41	1.57	29.59	15.34	188	6
Perry	94	62	76	2	2.89	2.05	25.19	10.76	180	12
Toledo	92	62	75	2	0.86	-0.12	19.51	4.74	173	12
East Central District										
Cedar Rapids	91	62	75	1	0.50	-0.41	21.06	7.16	179	6
Davenport	92	59	77	2	2.09	1.24	22.55	8.98	188	3
Iowa City	94	64	78	2	0.78	-0.34	19.66	4.51	198	9
Lowden	92	60	76	3	1.46	0.48	21.74	6.42	180	19
Maquoketa	91	61	74	1	1.28	0.50	17.80	4.01	171	10
Muscatine	93	65	77	2	2.36	1.36	26.89	12.46	193	11
South West District										
Atlantic	94	62	76	2	0.86	0.01	24.59	11.27	186	11
Clarinda	92	64	76	-1	2.32	1.20	21.10	5.59	185	10
Glenwood	95	63	77	1	2.83	1.99	18.74	4.08	190	6
Red Oak	94	65	78	2	2.34	1.36	23.27	7.51	196	14
Sidney	94	65	77	0	1.26	0.14	17.36	2.95	193	4
South Central District										
Allerton	95	64	77	2	1.60	0.55	31.89	17.41	191	14
Beaconsfield	92	63	76	2	0.56	-0.42	25.18	10.98	184	9
Chariton	93	60	76	1	1.43	0.41	28.31	13.19	183	8
Indianola	95	64	77	3	2.34	1.46	31.17	16.50	191	23
Leon	92	63	76	0	0.88	-0.03	28.11	13.43	182	9
South East District										
Bloomfield	95	65	78	2	2.22	1.17	25.82	11.33	194	12
Burlington	95	65	80	5	0.54	-0.44	30.73	16.87	214	29
Ottumwa	93	64	77	1	2.45	1.40	25.09	11.42	194	5
Washington	94	61	77	-1	1.35	0.42	27.05	13.44	189	7

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2010: AWIS, Inc. All Rights Reserved.